

Montreal Protocol – Methyl Bromide: 2013 MRL Workshop Update

2012 MRL Workshop
California Specialty Crop Council
June 6, 2012
San Francisco, California

Why is the Montreal Protocol Important

- US Government Ratified the Protocol and All Subsequent Amendments with Near Unanimous Votes
- Recognized Internationally as the Most Successful International Environmental Treaty
- Allows US Government to Provide Flexibility Under Legal Constraints of the US Clean Air Act
 - Requires Positive International Actions
 - International Committees of “Experts”
 - Science Advisory Panel
 - Technical and Economic Assessment Panel
 - Methyl Bromide Technical Options Committee (MBTOC)

Montreal Protocol

- 2013 Meetings
 - 33rd OEWG – Bangkok, Thailand, June 24-28
 - 25th MOP – ?????, Ukraine, Oct 21-25

Montreal Protocol

- 33rd Open Ended Working Group
 - Continued Pressure at US Governmental Level to Reach Zero – CUEs
 - Discussion of A-5 Nation CUE Process
 - 2015 CUN
 - Strawberry (California), 373.660 mt
 - Dry Cured Pork, 3.240 mt
 - High Moisture Dates, 0.310 mt
 - MBTOC Interim Report
 - Strawberry [224.196] – Reduced by 50 % from 2014
 - Dry Cured Pork [3.240]
 - High Moisture Dates – Not recommended
 - Continued Discussion on QPS Exemptions and Quantities

QPS Exemption -- On-going Pressure

- MBTOC Progress Report
 - Global Use Stable at 2,000 mt
 - Push to Search for Alternative Treatments
 - MOA - International Plant Protection Organization
 - International Cargo Biosecurity Arrangement – June 2013
 - “Cardiff Protocol” -- Proposed Change to Standard of Measurement for Quarantine Treatments (Wood Packaging Materials/Logs)
 - Biological Systems Approach
 - Host Infection Level
 - Maximum Pest Limit
 - Founder Populations
 - Japan – WTO Notice – Modification of QPS Requirements

Montreal Protocol

- 25th Meeting Of the Parties
 - Interplay of Complex Issues
 - Climate Change v Ozone Depletion
 - US Proposal on HCFC's and HFC's
 - Impacts all other Decisions and Actions
 - Need Support of the European Union
 - A-5 Needs for Safety Net Process
 - Multilateral Fund

Methyl Bromide

Controlled in the US Under Both Federal Insecticide, Fungicide and Rodenticide Act and US Clean Air Act

- FIFRA

- Reregistration, Completed with Publication of New Labels – December, 2012
- Registration Review – Docket Scheduled to Open -- 4th Qtr., FY 2013
- Currently Labeled Uses – Pre-plant
 - CUE Crops (2005 Preplant CUE's)
 - Quarantine and Pre-shipment Uses -- Preplant
 - APHIS
 - Non-APHIS
 - Non-CUE crops

Methyl Bromide

- US Clean Air Act
 - Production and Consumption
 - Requires Annual Allocation Rule
 - Based on Internationally Approved Number
 - Complex Record Keeping and Reporting Process
 - Extremely liability Associated With Non-Compliance
 - Administered by EPA Office of Air and Radiation

US Clean Air Act Allocation Rule
Source of CUE Material (metric tonnes)

Control Period	Production & Consumption	Existing Stocks	Total CUE Approved
2005	7,659.000	1,893.879	9,552.879
2006	6,823.707	1,258.046	8,081.753
2007	4,316.055	1,914.600	6,230.655
2008	4,595.040	760.309	5,355.349
2009	2,275.715	1,919.193	4,194.608
2010	1,955.775	1,028.108	2,983.883
2011	1,855.200	200.000	2,055.200
2012	699.683	60.061	759.744
2013	562.325		<i>499.882</i>
2014	<i>442.337</i>		
2015	<i>227.436</i>		

Methyl Bromide Critical Use Exemptions
Sources of CUE Material (% 1991 baseline)

Control Period	Production & Consumption	Existing Stocks	Total CUE Approved
2005	30.00	7.42	37.42
2006	26.73	4.93	31.66
2007	16.90	7.50	24.40
2008	18.00	2.98	20.98
2009	8.90	7.50	16.40
2010	7.66	4.02	11.68
2011	7.25	0.79	8.04
2012	2.74	0.23	2.97
2013	<i>2.20</i>		<i>2.20</i>
2014	<i>1.73</i>		
2015	<i>0.89</i>		

2016 Round CUE Nominations

- **Protection of Stratospheric Ozone: Request for Methyl Bromide Critical Use Exemption Applications for 2016, FR Vol.78, No. 105, May 31, 2013, pp 32646 – 32650.**
 - Applications Due August 29, 2013
 - Forms: www.epa.gov/ozone/mbr/cueinfo.html -- see Round 12 (2016 Calendar year)
 - FR notice Describes Decision Process and Information Needed.

Opportunities to Engage

- Meeting with US Delegation to OEWG – June 13, 2013
- Attend OEWG In Bangkok
- Submit 2016 Round CUE Nomination
- Meeting Of the Parties in October
- International Research Conference on Methyl Bromide Alternatives and Emission Reduction, San Diego, November 4-6, 2013

Questions?